

REMARKS/ARGUMENTS

Claims 9 and 21 are amended to include the feature deleted from Claim 11. In addition, the optical material layer partition was in Claim 8, (discussion at bottom of page 11-page 12). Partitions and droplet transfer is shown in Figs. 9A/9B/9C. Also electrode section portions are in original Claim 19. Page 4, lines 13-16 identifying Fig. element 20. See also Fig. 9B/9C (and discussion on pages 44-45).

The Examiner maintains the rejection over Van Rijn in combination with other art.

Van Rijn et al. (WO2002/43937), page 25, lines 25 to 35, discloses that the non-ink delivering part 2025 of the stamp 2021 is ink-repelling. However, the ink-coating 2023 is formed on the smoothed surface of the product 2020. If the ink coating 2023 to be transferred has a pattern of liquid repellency/wettability greater than or equal to that of the stamp 2021, droplets will collapse and randomly flow on the flat surface of product 2020. Especially, when transferring, droplets move by contacting, and thus, the droplets tends to collapse and are no longer "droplets."

In the present invention, not only the wettability changeable layer is provided upon the flat plate of the transferred side so that droplets can be formed in the predetermined position on the flat plate, but also, the partition is provided upon one side of the flat substrate of transferred side so that droplets can contact with each of the first electrode section surrounded by each of the partitions in order to prevent each of droplets from collapsing and diffusing when droplets are transferred. As a result of this, it becomes possible to carry out transferring from the predetermined position on the flat plate to the predetermined position on the flat substrate.

Although Van Rijn et al., page 19, lines 12 to 27 and FIG. 17A, discloses forming electroluminescent molecules, they are formed by evaporation. Thus, the present invention is different and non-obvious from Van Rijn et al. in that respect.

Further, Van Rijn et al., page 19, lines 36 to 44 discloses transferring by forming a thin insulating material on the surface of conductive layer 1710 with projections and depressions and carrying out the inkjet printing. However, it is clear that a plurality of droplets cannot be transferred collectively since it is inkjet

printing. In the present invention, droplets are formed at the predetermined position on the flat plate by a wettability changeable layer, and, in a situation that these droplets contact with the flat plate, these droplets contact with region surrounded by partitions. Thus, as compared with the inkjet method where droplets are sprayed, the present invention exhibits the effect that transferring can be carried out collectively and the transferring position will not slip off or change. This effect is not disclosed in Van Rijn et al nor enabled by the teaching ink jet technology.

Combining Van Rijn et al with the secondary art fails to bridge this difference or render it obvious to modify Van Rijn to meet the present invention as claimed, or the ability to transfer the droplets collectively at once, whereby the relative position cannot change.

Kiguchi et al. (US 2003/24103) discloses dropping materials on hydrophilic region by the inkjet method; however, it does not disclose transferring droplets provided on the flat plate onto the flat substrate. It is only relied on to show a method for making regions hydrophilic or hydrophobic.

Kimura et al. (US 2002175422) merely discloses ejecting droplets by the inkjet method and does not disclose transferring droplets provided on the flat plate onto the flat substrate.

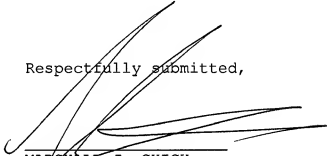
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Combining Van Rijn et al., Kiguchi et al., and/or Kimura et al fails to show or render obvious the requirement now included in the claims concerning the presence and/or importance of the partitions, as detailed above. Nor is the idea or enablement of transfer collectively of the droplets (or the advantage thereof) obvious from the art combination.

In view of the above, the rejections are avoided. Allowance of the application is therefore respectfully requested.

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Encs. Petition for One Month Extension of Time and fee